

IN THE CLAIMS

Please cancel claim 5.

Please add new claim 21 as follows.

Please amend claims 1- 4 as follows.

For the Examiner's convenience, all pending claims are listed below. Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

21. (New) The method of claim 11 wherein the probe is attached to a substrate.

1. (Once Amended) An isolated mammalian cDNA encoding a mammalian protein selected from:

- a) an amino acid sequence of SEQ ID NO:1;
- b) a variant having at least 80% identity to the amino acid sequence of SEQ ID NO:1; and
- c) an antigenic epitope of SEQ ID NO:1.

2. (Once Amended) An isolated mammalian cDNA encoding a mammalian protein of SEQ ID NO:1.

3. (Twice Amended) An isolated mammalian cDNA or the complement thereof selected from:

- a) a nucleic acid sequence of SEQ ID NO:3;
- b) a fragment of SEQ ID NO:3 from about nucleotide 170 to about nucleotide 220, from about nucleotide 1015 to about nucleotide 1055, or from nucleotide 1500 to 1550 of SEQ ID NO:3; and
- c) a variant of SEQ ID NO: 3 having at least 80% identity to the nucleic acid sequence of SEQ ID NO:3.

4. (Once Amended) A composition comprising the cDNA or the complement of the cDNA of claim 1.

- 6. A probe comprising the cDNA or the complement of the cDNA of claim 1.
- 7. A vector comprising the cDNA of claim 1.
- 8. A host cell comprising the vector of claim 7.